



Horticulture
Lighting Group®



HLG 650R LED LAMP



FEATURING THE

Diablo™

QUANTUM BOARD®

1000W HPS Equivalent output with up to 610 Watts power consumption

Powered by Quantum Board® QB 648

LED	2592 Samsung LM301H LED's & 72 LH351H V2 Deep Red 660 nm
Voltage Range	120VAC - 277VAC
Power	60-630 Watts
Flowering Footprint	5' x 5' at 30"
Veg Footprint	7' x 7' at 48"
Dimmable	Manual or 0-10V option
Dimensions	26" x 21.5" x 2.75"
Weight	23 lbs.
Warranty	3 Years



Official
Partner



LM103H
Samsung LED

Conforms to UL Std 1598
Certified to CSA Std C22.2#250.0



HLG.com



FEATURES

HLG’s most powerful horticulture lighting fixture to date. Replace your double ended 1000W with just 630 Watts. HLG 650R offers the highest efficiency lighting per watt per dollar, giving the most light for your money with incredibly low power consumption.

Reliable Passive Cooled Design with minimum point of failures
Full Spectrum Quantum Boards® for optimal plant growth

EFFICIENCY

Max Power Setting (Default)	HLG 650R
Commercial UL/ETL/CSA Listed	FULL CYCLE AND FLOWERING YES
Efficiency (PPF/W)	2.8 PPF/W
Total Output (PPF)	1770

- ✓ PPF is the same and referred to as μmol
- ✓ PPF/W is the same and referred to as $\mu\text{mol}/\text{joule}$
- ✓ Click [here](#) for our Lighting Lab Test

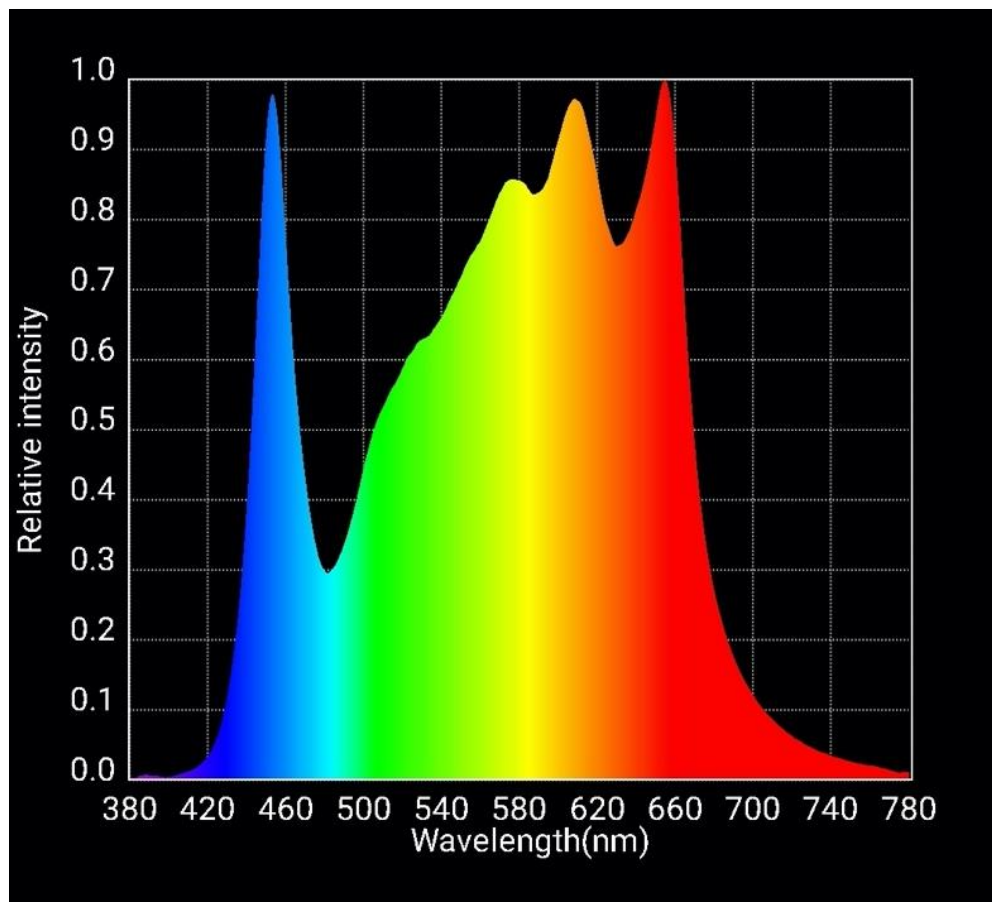
QANTITY AND LEAD TIMES

Quantity	HLG 650R
< 50	FULL CYCLE AND FLOWERING 1 week
50-200	2 weeks
200-500	3 weeks



BOOSTED FULL SPECTRUM

The HLG 650R Spec LED light is a Full Spectrum White with boosted Deep Red 660nm for incredible flowering results. This light also shortens the flowering cycle by 3-4 days compared to a standard 3000K Spectrum, or 12-15 days compared to HPS Lighting.



FULL CYCLE AND FLOWERING



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CALCUALTORS

[Watts to BTU](#)

[Cooling Requirement](#)

HLG 550 V2 R SPEC VS HLG 650R

[Compare](#)

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